

What is claimed is:

- 1 1. A method comprising:
2 receiving a video frame;
3 identifying noise in a first portion of the video frame; and
4 replacing the first portion with a second portion of the video frame.
- 1 2. The method of claim 1, wherein identifying further comprises:
2 associating a noise level with the first portion of the video frame;
3 and
4 comparing the noise level to a predetermined value.
- 1 3. The method of claim 2, wherein associating further
2 comprises distinguishing the first portion from the second portion.
- 1 4. The method of claim 3, wherein distinguishing further
2 comprises:
3 associating a first value with the first portion;
4 associating a second value with the second portion; and
5 performing a plurality of arithmetic operations between the
6 first value and the second value.
- 1 5. The method of claim 4, wherein associating a first value with the
2 first portion further comprises:
3 identifying a plurality of values associated with the first portion;
4 and
5 performing an arithmetic operation on the plurality of values to
6 render the first value.

1 6. The method of claim 2, wherein comparing the noise to a
2 predetermined value comprises comparing the noise to a noise level found in a
3 second video frame.

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1 7. The method of claim 2, wherein comparing the noise to a
2 predetermined value comprises associating the predetermined value to the type
3 of video input signal.

1 8. The method of claim 2, wherein comparing the noise to a
2 predetermined value comprise associating the predetermined value to the type of
3 noise in the video frame.

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1 9. A system including:
2 a bus;
3 a processor coupled to the bus;
4 a device coupled to the bus to receive a video signal; and
5 a storage medium coupled to the bus including a software program
6 that, upon execution:
7 detects noise in a first portion of a video frame of the video
8 signal; and
9 replaces a first portion of the video frame.

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1 10. The system of claim 9, wherein the video frame is stored in a
2 memory and, upon execution, the software program writes to the memory to
3 replace the first portion of the video frame.

1 11. The system of claim 10, wherein, upon execution, the software
2 program further detects noise by comparing a noise level associated with the
3 first portion of the video frame with a predetermined value.

1 12. The system of claim 11, wherein the predetermined value is stored
2 in the memory.

1 13. The system of claim 12, wherein the predetermined value is related
2 to a noise level found in a second video frame.

1 14. The system of claim 10, wherein the predetermined value is
2 related to the type of video signal.

1 15. The system of claim 9, wherein the storage medium is a hard disk
2 drive.

1 16. An article comprising a medium storing instructions that cause a
2 processor-based system to:
3 locate a video frame of a video signal;
4 identify noise in a first portion of the video frame; and
5 replace the first portion with a second portion of the video frame.

1 17. The article of claim 16, further storing instructions that cause the
2 processor-based system to locate the video frame by reading a memory device.

1 18. The article of claim 17, further storing instructions that cause the
2 processor-based system to:
3 associate a noise level with the first portion of the video frame; and

4 compare the noise level to a predetermined value.

1 19. The article of claim 18, further storing instructions that cause the
2 processor-based system to:

3 associate a first value with the first portion;

4 associate a second value with the second portion; and

5 perform a plurality of arithmetic operations between the first value
6 and the second value.

1 20. The article of claim 19, further storing instructions that cause the
2 processor-based system to:

3 identify a plurality of values associated with the first portion; and

4 perform an arithmetic operation on the plurality of values to render
5 the first value.

1 21. The article of claim 18, further storing instructions that cause the
2 processor-based system to compare the noise level to a predetermined value by
3 associating the predetermined value with a noise level found in a second video
4 frame.

5 22. The article of claim 16, wherein the medium storing instructions is
6 a memory device.

1 23. The article of claim 18, further storing instructions that cause the
2 processor-based system to compare the noise level to a predetermined value by
3 associating the predetermined value to the type of video signal.

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24. The article of claim 18, further storing instructions that cause the processor-based system to compare the noise level to a predetermined value by associating the predetermined value to the type of noise in the video frame.

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